

Research in Cartography

278

Kopylova, A. D. On Possibilities of Using Colored Hatchures in Printing
Map Backgrounds

79

The article refers to the research on the above subject done by Sadchikov, S.F. in the division of cartographic printing at the Central Institute of Geodesy, Aerial Photography and Cartography. As an illustration of what is considered general practice, the author mentions the hatching of ocean depths in various degrees of blue. The article surveys the experience gained in the field of optimal utilization of colors in dotting and hatching map backgrounds and makes a number of suggestions on how to draw hatch lines. The author recommends using three and never more than four colors for such drawings. He also prescribes exact specifications for the thickness of the hatch lines, for the type of print used over the hatching, etc. There are 1 table of 15 maps and 3 tables with specifications. No references are listed.

Card 6/7

Research in Cartography

278

Bashlavina, G. N., Mysheteskaya, Ye. N., Candidates of Technical Sciences
On Further Improvement of School Atlases in Accordance with the Change
in the Geography Curriculum

87

The authors analyze the content of school atlases for the 4th, 5th, 6th,
and 7th grades and suggest a number of improvements in presenting the
material. In addition, the authors urge, pursuant to the recent changes
in the geography curriculum, the inclusion in future atlases of maps
bearing on the new topics of interest, such as map reading, topography,
regional geography, etc. Special emphasis is laid on the study of the
particular oblast in which the school happens to be located. There are no
references.

AVAILABLE: Library of Congress: (QB275.M64)

GC/GMP
May 26, 1958

Card 7/7

Gurari, Ye. L.

AUTHOR: Gurari, Ye. L., Candidate of Economics. 6-12-7/14

TITLE: Economic School Maps of Foreign States for Secondary Schools
(Uchebnyye ekonomicheskiye karty zarubezhnykh stran dlya sredney shkoly)

PERIODICAL: Geodeziya i Kartografiya, 1957, Nr 12, pp. 47-51 (USSR)

ABSTRACT: In 1952-1955 the Chief Office for Geodesy and Cartography edited economic school-maps of a number of states: USA, Poland, Czechoslovakia, Great Britain and Ireland, France, Italy, China and Mongolia, Japan and India, Pakistan and Ceylon. A detailed critique of these maps is given here. The maps lack a uniform composition whereby a fundamental requirement for an edition in series seems not to have been fulfilled. Of the essential deficiencies the following are mentioned here: no conformity in marking the industry-points, inconsequence in giving the industries, no uniform system for indicating power plants, no discrimination between heat-engine generating stations and hydroelectric generating stations, no information on new buildings. Then the problem of the scope of content of the maps is raised and the following is objected to: The maps are too densely dotted with signs, too many industrial centers are marked, the number of signs is too large, short and distinct signs are needed

Card 1/2

Economic School Maps of Foreign States for Secondary Schools. 6-12-7/14

for agriculture, the word "specialized" is too much abused, the degree of coloring are hard to be distinguished from one another. The demand for a subdivision of the countries into economic regions is expressed. There is 1 Slavic reference.

AVAILABLE: Library of Congress

Card 2/2

GURARI, Ye L

GURARI, Ye.L., kand. ekon. nauk.

Certain problems in the representation of industries on economic
maps used in schools. Trudy TSNIIGAIK no.117:21-37 '57. (MIRA 10:12)
(Cartography) (Industries, Location of)

AUTHOR: Gurari, Ye.L., Candidate of Economic Sciences 6-58-5-9/17

TITLE: The Classification of Branches of Industry on Maps Used for Instruction in Economics (Klassifikatsiya promyshlennyykh otrasley na uchebnykh ekonomicheskikh kartakh)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 5, pp. 48-54 (USSR)

ABSTRACT: The statistical data supplied by the Central Institute for Statistics (TsSU) must serve as a basis for the marking of industrial areas on geographical maps. Branches of industry are classified in the TsSU according to the similar character of products, to the fact that the same raw material is used in production, and according to the character of manufacture. In maps used in connection with instruction in economics the most important criterion for classification is homogeneity of production according to the finished goods and only in rare cases it is the similarity of raw material and manufacture. The chemical industry is a typical example for classification according to manufacture. For use on maps used for instruction in economics this classification must be carried out according to the production of finished goods. According to TsSU classification the

Card 1/2

The Classification of Branches of Industry on Maps
Used for Instruction in Economics

6-58-5-9/17

mineral oil industry belongs to the fuel industry, but according to present classification with respect to maps used for instruction it belongs to the chemical industry. A list of classifications of all branches of industry is given. This list is based upon the demands made by economic cartography and is essentially in accordance with TsSU classification. The producing- and the finishing industries are mentioned separately. Branches of machine building are subdivided into 15 basic groups. Instead of the silicate industry group, 3 separate groups are set up:
Building materials, glass, and porcelain-fayence.

1. Mapping--USSR
2. Maps--Coding
3. Industry

Card 2/2

AUTHOR: Jurari, Ya.L. SOV/10-58-5-11/28

TITLE: Industrial Maps of Economic Administrative Districts (O kartyakh promyshlennosti ekonomicheskogo administrativnogo rayona)

PERIODICAL: Izvestiya Akademii nauk SSSR - Seriya geograficheskaya, 1958, Nr 5, pp 87-90 (USSR)

ABSTRACT: The drawing up of industrial maps may be used for the study of phases and forecasts in the development of socialist industry and its reserves, as well as for propaganda purposes. Suggestions are made on the composing of such maps adapted to individual industrial enterprises. It is recommended to compose a list of the required industrial maps by taking into account the branch structure of the industrial administration of sovnarkhozes. Moreover, the drawing up of a general industrial map which would show the correlation

Card 1/2

Industrial Maps of Economic Administrative Districts SOV/IC-58-5-13/2a

of individual branches and the complex development of the district is suggested. Interdistrict and interregional transport communications should be shown in a special map.

Card 2/2

SEMELEV, A.I., otv.red.; FILIPPOV, Yu.V., prof., doktor tekhn.nauk, red.;
BASHLAVIN, V.A., kand.tekhn.nauk, red.; VOYNNOVA, V.V., red.; GURARI,
Ye.L., kand.econom.nauk, red.; GUREVICH, I.V., red.; ZHIV, I.S., red.;
ZARUTSKAYA, I.P., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.;
NIKISHOV, M.I., kand.geograf.nauk, red.; SADCHIKOV, S.P., red.;
TIKHOMIROV, D.I., red.; TUTOCHKINA, V.A., red.; BALANTSEVA, I.A., red.
kart; BOGDANOVA, L.A., red.kart; BOCHAROVA, I.I., red.kart; VENEVTSSEVA,
G.P., red.kart; VOLKOVA, A.P., red.kart; GOSTEVA, N.A., red.kart;
YEFIMOVA, G.N., red.kart; ZHIV, D.I., red.kart; KRAVCHENKO, A.V., red.
kart; KUBRIKOVA, N.S., red.kart; KUZNETSOVA, N.A., red.kart; KURSAKOVA,
I.V., red.kart; LOBZOVA, N.A., red.kart; MERTSALOVA, L.M., red.kart;
MOSTMAN, S.L., red.kart; PANFILOVA, M.V., red.kart; SEMENOVA, V.D.,
red.kart; SMIRNOVA, T.N., red.kart; TERESHKOVA, V.S., red.kart;
FEDOROVSKAYA, G.P., red.kart; PETISOVA, N.P., red.kart; FIL'GUS, Z.Kh.,
red.kart; SHAPIRO, Ye.M., red.kart; SHISHKIN, Ye.A., red.kart; YASHU-
NICHKINA, Ye.G., red.kart. V razrabotke kart prinimali uchastiye:
ALISOV, B.A., prof.; BERZINA, M.Ya.; VASILEVSKIY, L.I.; GAVRILOVA,
S.A., kand.geograf.nauk; GINZBURG, G.A., kand.tekhn.nauk; DOBOSHINSKAYA,
I.B.; YEVSTIGNEYEVA, A.I.; LAVRENKO, Ye.M., prof.; LOZINOVA, V.M., kand.
tekhn.nauk; MILANOVSKIY, Ye.Ye., kand.geologo-mineral.nauk; MIKHAYLOV,
A.A., prof.; MYSHKIN, Ye.P.; PUZANOVA, V.F., kand.geograf.nauk;

(Continued on next card)

SEMENOV, A.I.----(continued) Card 2.

ROZOV, N.N., prof.; SMIRNOV, D.I.; TARASOV, A.P.; TROPIMOVSKAYA,
Ye.A., kand.geograf.nauk; TUGOLESOV, D.A., kand.geologo-mineral.
nauk. ZININ, I.F., tekhn.red.

[Geographical atlas for secondary school teachers] Geograficheskii
atlas; dlja uchitelei srednei shkoly. Izd.2. Moskva, Glav.upr.
geodezii i kartografii MVD SSSR, 1959. 191 p. (MIRA 12:11)

1. Predstavitel' Nauchno-issledovatel'skogo instituta metodov obuchenija Akademii pedagogicheskikh nauk RSFSR (for Zaslavskiy).
2. Predstavitel' Upravleniya shkol Ministerstva prosvyashcheniya RSFSR (for Tutochkina). 3. Chleny-korrespondenty AN SSSR (for Lavrenko, Mikhaylov).

(Maps)

3(2)

SOV/10-59-4-21/29

AUTHORS: Byushgens, L.M., Gurari, Ye.L., and Kel'ner, Yu.G.

TITLE: Comprehensive Atlas of Belorusskaya SSR

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 4, pp 142-146 (USSR)

ABSTRACT: This is a review of the above-mentioned atlas published by the Akademiya nauk BSSR (AS Belorusskaya SSR) and Glavnoye upravleniye geodezii i kartografii MVD SSSR (Central Administration of Geodesy and Cartography MVD USSR), Minsk and Moscow, 1958.

Card 1/1

GURARI, Ye.L.

Map content of the world economic atlas. Izv.AN SSSR,Ser.geog. no.3:
106-113 My-Je '61. (MIRA 14:5)
(Geography, Economic---Maps)

GURARI, Yevgeniya L'vovna; NIKISHOV, M.I., red.; SHAMAROVA, T.A., red.izd-va;
VORONOVA, V.V., tekhn.red.

[Industrial maps of economic regions] Karty promyshlennosti
ekonomiceskikh administrativnykh raionov. Moskva, Izd-vo geodez.
lit-ry, 1961. 68 p. (Moscow. Tsentral'nyi nauchno-issledovatel'skii
institut geodezii, aeros'emki i kartografii. Trudy, no.141)

(MIRA 14:7)

(Geography, Economic--Maps)

GURARI, Ye.L.

Maps representing the general characteristics of agriculture.
Sbor.st.po kart. no.12:31-45 '61. (MIRA 15:4)
(Agriculture-Maps)

FEYGIN, Ya.G., doktor ekon. nauk; YANITSKIY, N.F., doktor geogr. nauk; ZHIRMUNSKIY, M.M., doktor geogr. nauk; ALAMPIYEV, M.P., doktor ekon. nauk; KOSTENNIKOV, V.M., kand.ekon. nauk; BUYANOVSKIY, M.S., kand. geogr. nauk; SHISHKIN, N.I., doktor geogr. nauk; MOSKVIN, D.D., kand.ekon. nauk; GURARI, Ye.L., kand.ekon.nauk; VETROV, A.S., kand.geogr. nauk; LISETSKAYA, A.P., red.; PONOMAREVA, A.A., tekhn. red.

[Methodological problems of economic geography] Metodologicheskie voprosy ekonomiceskoi geografii. Moskva, Ekonomizdat, 1962. 278 p. (MIRA 15:7)

1. Chlen-korrespondent Akademii nauk USSR i Institut ekonomiki Akademii nauk SSSR (for Feygin).
 2. Institut geografii Akademii nauk SSSR (for Yanitskiy, Zhirmunskiy, Buyanovskiy).
 3. Institut ekonomiki mirovoy sotsialisticheskoy sistemy Akademii nauk SSSR (for Alampiyev).
 4. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta Ministrov SSSR (for Kostennikov).
 5. Nauchno-issledovatel'skiy institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR (for Shishkin).
 6. Institut ekonomiki Akademii nauk SSSR (for Moskin).
 7. Orenburgskiy pedagogicheskiy institut (for Vetrov).
- (Geography, Economic...Methodology)

Trans [unc]

Using remains of original and for reporting. Lit. size., no. , 1/2.

9. Monthly List of Russian Accessions, Library of Congress, November 1950¹, Uncl.
₂

SOLOV'YEVA, I.A.; GURARIY, G.Z.

Crystal structure based on seismic and gravimetric data. Biul.
MDIP.Otd.geol. 37 no.5:169-170 S-0 '62. (MIRA 15:12)
(Earth—Surface)

s/020/62/146/004/014/015
B142/B186

AUTHORS: Gurariy, G. Z., Solov'yeva, I. A.

TITLE: Preliminary data on the density of the earth's mantle

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 146, no. 4, 1962, 877-880.

TEXT: Attempts were made to elucidate horizontal variations of density in the upper parts of the earth's crust. Global seismic and gravimetric data were compiled by the laboratory for structural geophysics of the Geologicheskiy institut AN SSSR (Institute of Geology AS USSR), headed by P. N. Kropotkin. 365 velocity columns were set up for all points with precisely determined gravity anomalies and seismically well determined structural characteristics, down to the Mohorovičić (Moho) boundary, and the mean velocity of longitudinal waves in the earth's crust was calculated. Columns of equal depths (1) and of equal gravity anomalies, reduced to the Bouguer values, were compared. For (1), the difference in Bouguer anomalies reached 200-250 mgal. This fact was assumed to be explicable only by density variations, in a horizontal direction, occasioned in the upper parts of the Earth's mantle by the fact that

Card 1/3

Preliminary data on the density ...

S/020/62/146/004/014/015
B142/B186

velocities of longitudinal waves increase with density. Differences in velocities and densities were found to occur more frequently in oceanic than in continental parts of the earth's crust. Velocity maxima for the Moho surface below the oceanic crust ranged from 7.7-8.6 km/sec, with three sharply expressed peaks at 8.0-8.1, 7.8 and 8.5 km/sec, while corresponding continental values ranged between 7.9 and 8.3 km/sec only, with a single peak at 8.1-8.2 km/sec. Here, extreme values were observed in 7 cases only (out of 95 points). Preliminary conclusions: the earth's mantle shows non-homogeneous densities in horizontal directions to depths of 40-50 km, and possibly more. The zones of non-homogeneities are partly located directly under the Moho surface and partly at greater depths. In the area of the Caribbean Sea, the density was found to be greater than in the open part of the Atlantic. The greatest differentiation in density is found below the ocean basins. Below continental zones of the mantle the density is homogeneous beneath the Moho surface, whereas at greater depths the density contours become more complex. More specific determination of the zones with varying densities in the mantle and of correlations between the density and velocity, as well as of the density gradient in horizontal direction by proper selection of the most

Card 2/3

Preliminary data on the density ...

S/020/62/146/004/014/015
B142/B186

probable densities for individual points, is advocated. There are
1 figure and 2 tables.

ASSOCIATION: Geologicheskiy institut Akademii nauk SSSR (Institute of
Geology of the Academy of Sciences USSR)

PRESENTED: April 20, 1962, by N. M. Styrakov, Academician

SUBMITTED: April 16, 1962

Card 3/3

AM4016108

BOOK EXPLOITATION

S/

Gurariy, G. Z.; Solov'yeva, I. A.

Structure of the earth's crust by geophysical data (Stroyeniye zemnoy kory* po geofizicheskim danny*). Moscow, Izd-vo AN SSSR, 63. 0125 p. illus., biblio., fold. maps. 2000 copies printed. Added t.p.: in English.

TOPIC TAGS: geophysics, seismology, gravimetry, isostasy, crustal structure

PURPOSE AND COVERAGE: This publication is intended for geologists, geophysicists, and other scientists interested in the structure, nature, and methods for studying the earth's crust. Seismic data from Soviet and Western sources were analyzed and compared with gravimetric and orographic data to establish a correlation between them in order to gain better understanding of the nature of the earth's mantle. A study was also made of the different densities of the crust using seismic data which indicate that the density pattern varies horizontally, especially under oceans. This circumstance

Card 1/4

AM4016108

led to a new interpretation of isostasy, though the available data still roughly indicate the validity of Airy's original theory. Oceanic segments differ from each other in that the Pacific floor contains a continuous layer of basalt, whereas basalt is found in the Atlantic only near continents and islands. This paper presents an initial effort to classify the major structures of the Earth's crust according to geophysical and orographic characteristics.

TABLE OF CONTENTS:

Editorial note -- 5

Introduction -- 13

Ch. I. Analysis of data used -- 15

1. Seismic Data -- 15

2. Gravimetric data -- 18

Card 2/4

AM4016108

Ch. II. Comparison of seismic, gravimetric, and topographic
data -- 22

1. Graphic method -- 22

2. Method of analyzing velocity in stratigraphic columns -- 35

Ch. III. Differences in crustal structure of oceanic basins -- 52

Ch. IV. Types of crustal structure -- 62

1. Oceanic crust -- 67

2. Continental crust -- 70

Conclusion -- 73

Appendix I. Summary of data on the structure and thickness of the
earth's crust obtained by highly accurate seismic methods -- 75

Bibliography -- 122

Appendix IIa. Gravimetric maps of Western and Central Europe

Card 3/4

AM4016108

Appendix IIb. Central, East, and South Asia, Africa, and Australia.

Appendix IIc. North, Central, and South America (with Bouguer and
topographic corrections)

SUB CODE: AS

SUBMITTED: 30Nov63 NG REF Sov: 047

OTHER: 108

DATE ACQ: 07May64

Card 4/4

NASTENKO, N.N., doktor tekhn.nauk; GURARIY, I.M., inzh.

Controlling the moving of crawler tractors. Trakt.i sel'-
khozmash. no.10:5-9 O '59. (MIRA 13:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrofiksatsii sel'skogo khozyaystva.
(Crawler tractors)

MASTENKO, N.N., doktor tekhn.nauk; GURARIY, I.M., inzh.

Automatically regulated feeding of the threshing mechanism of
the SK-3 combine. Mekh. i elek.sots.sel'khoz. 17 no.3:45-49
'59. (MIRA 12:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut melkhanizatsii
i elektrifikatsii sel'skogo khozyaystva.
(Combines (Agricultural machinery))

ARTEM'YEV, S.; BABKOV, V.; BIRULYA, A.; BOGOMOLOV, A.; BOCHIN, V.; BRILING, N.;
VAKHRUSHIN, N.; VOLKOV, M.; GURARIY, M.; DADENKOV, Yu.; YEFREMOV, V.;
ZELENKOV, G.; IVANOV, N.; IGOLKIN, N.; KUDRYAVTSEV, A.; LITVIN, N.
MIKHAYLOV, V.; PROKOF'YEV, I.; SARKIS'YANTS, G.; ROMANENKO, I.;
STRAMENTOV, A.; FEDOROV, V.; KHACHATUROV, A. i dr.

Anatolii Pavlovich Khmel'nitskii. Avt. dor. 21 no.12:30 D '58.
(MIRA 12:1)
(Khmel'nitskii, Anatolii Pavlovich, 1907-1958)

Shchukin, N. I.

SHCHUKIN, N. I. -- "Investigation of Some Conditions of Pressure Casting of Plastic Type." Moscow Order of Lenin Chemicotechnical Inst. imeni Merdeleyev. Moscow, 1956
(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Krichnaya Letopis', No 9, 1956

SCV-76-58-4-5/35

AUTHOR: Gurariy, M.G., Candidate of Technical Sciences

TITLE: Plastics in National Economy (Plasticheskiye massy v narodnom khozyaystve)

PERIODICAL: Standartizatsiya, 1958, Nr 4, pp 20 - 22 (USSR)

ABSTRACT: The author enumerates various types of plastics and their application in practical use. Since a great number and variety of plastic types exist, it follows that standardization in this field will encounter considerable difficulties. The existing (20) test methods for plastics need to be improved and for this purpose systematical investigations in the field of polymer physics are imperative. Standardization will include classification of plastics and normalization of equipment.

ASSOCIATION: Nauchno-issledovatel'skiy i proyektnyy institut plasticheskikh mass (Scientific-Research and Design Institute for Plastics)

1. Plastics--Production 2. Plastics--Standards 3. Plastic
--Economic aspects

Card 1/1

GURARIY, M.G.

5(1); 25(2) PHASE I BOOK EXPEDITION

SOV/2584

Moscow. Dom nauchno-tekhnicheskoy propovedi Izdat. P.E. Dzerzhinskogo
Plastmasy. v. makhinenoyenii (Plastics in Machine Building) Moscow, March 1959.
236 p. Printed 8,000 copies printed.

Sponsoring Agency: Otdeltekhnika po raspredeleniyu politicheskikh i nauchnykh
sistemnykh MFTSI.

Ed. (Title page): V.I. Zarognodsky; M. (Lead book); B.M. Rostkin, Engineer;
B.M. of Publishing House: G.I. Kozorozin; Tech. Ed.: A. V. Uvarov;
Managing Ed. for Literature on Machine Building and Instrument Making
(Machine): B.A. Polovat'skii, Engineer.

PURPOSE: This collection of articles is intended for engineers and technicians
in the machine-building industry.

CONTENTS: This collection reviews the progress made by the Soviet Union in the plastic-
building industry. New plastic materials and fabricating different plastic-
building articles for use in the machine-building industry. Characteristics and
dielectric properties of phenolic, fluoroplastic, epoxy resins,
polymers, laminated plastics, and fiberplastic. Characteristics and composition of adhesive
use in machine building described. Characteristics and composition of adhesive
and bonding agents are given and the technology of the pressing process described.
Methods of coating with plastic and a protection against corrosion are explained, as well as
the availability of plastics obtained by vacuum vaporization. Plastic and articles made of
plastics used for manufacturing machine parts, fabrication of plastic components and automatic control of various
processes are discussed. No personalities are mentioned. References accompany
individual articles.

Vlasova, L.S. and N.E. Matsekhich. Polyimide Resins 19

Dzhurzhevskii, V.I. Laminated Plastics With Fiberglass Base and Paper 29

Khavin, N.O. Techniques of Preparing Thermoplastic Plastic Material
Used as Construction Material 42

Antonov, V.M. Phenolic and Decorative -- Water and Acid Resistant
Plastics for Electrical Insulation 48

Milner, I.I. Bonding of Metals 55

Rabinov, V.I. Organization of Polymer Used in Machine Building 65

Ovchinnikov, N.O. Techniques of Preparing Thermoplastic Plastic Material
Used as Construction Material 71

Afanas'ev, Yu.Y. Applying Plastic Coatings by Spraying Burning Gas 85

Frushchenko, B.M. New Method of Manufacturing Molds and Patterns Made
of Plastic Resin 91

Sokolov, S.M. Processing Thermoplastic Sheets by Plastic and
Varnish Methods 99

Kaplin, V.V. and V.M. Orshanskii. Pressure Cast of Polyimides 109

Pavlenko, I.P. and V.I. Buzhina. Processing Fluoroplastic 127

Shchegoleva, N.F. Problems of Designing Press Molds for Fabricating
Articles Made of Plastic Material 139

Kazakov, D.P., T.M. Krasnitskaya, and M.I. Semilikhin. Metalization of
Plastics Achieved by High-Temperature Method 156

Leris, A.J. Equipment for Fabricating Articles Made of Plastic
Material 164

Zernovodsky, V.I. Molding Machines for Forming Articles From
Molding Powder 165

Zernovodsky, V.I. Hydromechanical Processes for Processing Plastic Material,
and Automated Process Control 187

Bogachuk, G.I. Mechanization and Automation in Mechanical Processing
of Plastic Material Articles 189

APPENDIX: Library of Congress

SOV/2584
1-19-60

Card 4/1

SITKOVSKIY, Il'ya Pavlovich; SOROKIN, G.Ye., retsenzent; GURARIY, M.G.,
retsenzent; KOLTUNOVA, M.P., red.; KHITROVA, N.A., tekhn. red.

[Use of plastics for railroad equipment] Plasticheskie massy v
zheleznodorozhnom dele. Moskva, Vses. izdatel'sko-poligr. ob"edi-
nenie M-va putei soobshcheniya, 1961. 180 p. (MIRA 14:11)
(Railroads—Equipment and supplies) (Plastics)

BELYANKIN, F.P., otv. red.; BEZUGLYY, V.D., red.; GROZIN, B.D., red.; DRAYGOR, D.A., red.; GURARIY, M.G., red.; LOGAK, N.S., red.; MITSKEVICH, Z.A., red.; PESIN, L.M., red.; RYBOCHEVSKIY, Yu.S., red.; CHERNENKO, L.D., red.; YATSENKO, V.F., red.; KUDRYAVTSEV, G., red.; LUPANDIN, I., red.; SHAFETA, S., tekhn. red.

[Use of plastics in the manufacture of machinery and instruments]
Plastmassy v mashinostroenii i priborostroenii. Kiev, Gos. izd-vo
tekhn. lit-ry USSR, 1961. 573 p. (MIRA 14:12)
(Plastics) (Machinery industry) (Instrument manufacture)

S/653/61/000/000/002/051
I060/I242

AUTHOR: Gurariy, M.G.

TITLE: Contemporary trends in the fabrication of plastic materials

SOURCE: Plastmassy v mashinostroyenii i priborostroyenii.
Pervaya resp. nauch.-tekhn. konfer. po vopr. prim.
plastmass v mashinostr. i priborostr., Kiev, 1959.
Kiev, Gostekhizdat, 1961. 21-30

TEXT: The article discusses various methods of fabrication of plastic goods, such as compression molding, transfer molding, injection molding, extrusion and two variants of vacuum forming. A new method eliminating manual operations, for the fabrication of plastic glass, is mentioned. There are 3 figures.

Card 1/1

GURARIY, Moisey Grigor'yevich, kand. tekhn. nauk; IOFE, Stella Simonovna; PESIN, L.M., kand. tekhn. nauk, red.; KIRICHENKO, L.V., red.; SUVOROV, V.A., red.-leksikograf; PLAKSHE, L.Yu., tekhn. red.

[English-Russian dictionary on plastics] Anglo-russkii slovar' po plastmassam. Pod red. L.M. Pesina. Moskva, Glav.red.inostr. nauchno-tekhn.slovarei Fizmatgiza, 1963. 144 p. (MIRA 16:3)
(English language--Dictionaries--Russian)
(Plastics--Dictionaries)

DARKOV, Ye.A.; RATNER, S.B.; ZUYEV, A.P.; GURARIY, M.G.

Methods for impact bending tests of plastics. Standartizatsiia
27 no.5:41-44 My '63. (MIRA 16:6)

(Plastics--Testing)

ORESHKIN, Boris Mikhaylovich, dots., kand. tekhn. nauk; GURARIY,
M.S., nauchn. red.; KHRUSTALEVA, N.I., red.

[Organization and planning of road construction] Organiza-
tsiya i planirovaniye dorozhnogo stroitel'stva. Moskva, Vys-
shaia shkola, 1963. 310 p. (MIRA 17:5)

GURARIY, R.G.

New molding mixture, preventing sand burning. Lit.poizv. no.7:
37 Je '60. (MIRA 13:7)
(Sand, Foundry)

TSUKER, M.B.; LESHCHINSKAYA, Ye.V.; GURARIY, R.M.; VDOVKINA, T.I. (Moskva)

Clinical characteristics of epidemic serous meningitis in the
Maritime Territory. Klin.med. 38 no.3:40-46 Mr'60. (MIRA 16:7)

1. Iz Instituta po izucheniyu poliomiyelita AMN SSSR i Primorskogo
krayevogo otdela zdravookhraneniya.
(MARITIME TERRITORY--MENINGITIS)

GURARY, V.I.; KADETS, M.I.

Minimal systems and quasi-complements in Banach space. Dokl.AN
SSSR 145 no.2:256-258 Jl '62. (MIRA 15:7)

1. Khar'kovskiy avtomobil'no-dorozhnnyy institut i Khar'kovskoye
vyssheye voyenno-aviatsionnoye uchilishche. Predstavлено akademikom
A.N.Kolmogorovym.

(Banach spaces) (Sequences (Mathematics))

GURARIY, V.I.

Inclinations of subspaces and conditional bases in Banach space.
Dokl.AN SSSR 145 no.3:504-506 Jl '62. (MIRA 15:7)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut. Predstavлено
академиком А.Н.Колмогоровым.
(Banach spaces) (Sequences (Mathematics))

CURARIY, V.I.

Bases in spaces of continuous functions. Dokl. AN SSSR 148
no. 3493-495 Ja '63. (MIRA 1682)

1. Predstavleno akademikom V.I. Smirnovym.
(Functions, Continuous)

GURARIY, V.I. Kharkov)

Some geometrical characteristics of subspaces and bases in the
Banach spaces. Col math 13 no.1:59-63 '64.

1. Submitted January 10, 1964.

GURARIY, V.I.

Convexity and smoothness moduli of Banach spaces. Dokl. AN SSSR
161 no.5;1003-1006 Ap '65. (MIRA 18:5)

1. Khar'kovskiy avtomobil'no-dorozhnnyy institut. Submitted
November 10, 1964.

GURARIY, V.I.

Spaces of universal arrangement. Dokl. AN SSSR 163 no. 5;1050-0053
Ag '65. (MIRA 18:8)

1. Nizh'kovskiy avtomobil'no-dorozhnyy Institut. Submitted January 25,
1965.

NOVIK, A.A., kandidat tekhnicheskikh nauk; GURARIY, R.I., inzhener.

Introducing the use of oil-free binders and rapid drying mixes in
cast iron, steel and nonferrous casting. Obm.Tekhn.opyt VPTI no.15:
3-27 '54.

(Founding) (Binding materials)

(MLRA 9:8)

AUTHOR: Gurariy, V.P.

SOV/20-121-5-3/50

TITLE: On the Spectrum of Increasing Functions (O spektre rastushchikh funktsiy)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 121, Nr 5, pp 782-785 (USSR)

ABSTRACT: Let L_φ be a normalized function ring with the norm

$$\|f\| = \int_{-\infty}^{\infty} |f(x)| \varphi(x) dx, \text{ where } 1) \varphi(x) > 1, 2) \varphi(x+y) \leq \varphi(x) \varphi(y),$$

$$3) \int_1^\infty \frac{\psi(x)}{x} dx < \infty \quad (\psi(x) = \sup_{|t| \geq x \geq 1} \frac{\ln \varphi(t)}{t}). \text{ Let the space } M_\varphi$$

be conjugate to L_φ (it consists of functions $g(x)$ for which vrai max $\frac{|g(x)|}{\varphi(x)} < \infty$). A real λ is called a point of the spectrum Λ_g^I of $g(x) \in M_\varphi$ if in this point there vanish the Fourier transforms of all $f(x) \in L_\varphi$ for which

$$(1) \int_{-\infty}^{\infty} f(x-t) g(x) dx = 0 \quad (-\infty < t < \infty).$$

Card 1/2

On the Spectrum of Increasing Functions

SOV/20-121-5-3/50

The real λ is called a point of the spectrum Λ_g^{II} of $g(x) \in M_\varphi$

if for all $\varepsilon > 0$ holds: $\overline{\lim}_{y \rightarrow +0} \int_{\lambda-\varepsilon}^{\lambda+\varepsilon} |U_g(x,y)| dx > 0$, where $U_g(x,y)$

is the harmonic Fourier transform of $g(x)$ in $y > 0$ (see Beurling [Ref 2]).

Theorem: If $\varphi(x)$ satisfies the conditions 1)-3) and if $g(x) \in M_\varphi$, then $\Lambda_g^I = \Lambda_g^{II}$.

Herefrom there follows a generalization of a result due to Mandelbrojt [Ref 4]:

Theorem: Outside of the interval $(-h,h)$ let the Fourier transform of $f(x) \in L_\varphi$ be different from zero. Then from (1) there follows that $g(x)$ on the real axis is identical almost everywhere with an entire function of finite degree. Here $|g(z)| < A \varphi(x) \exp h|y|$. There are 5 references, 2 of which are Soviet, 2 French, 1 American.

PRESENTED: April 7, 1958, by S. N. Bernshteyn, Academician

SUBMITTED: March 20, 1958

Card 2/2

1

68593

16(1) 16,4200

AUTHOR: Gurariy, V.P.

S/020/60/130/05/001/061

TITLE: A Generalization of Fourier Transformation and Wiener-Paley Theorems

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 5, pp 959-962 (USSR)

ABSTRACT: The author considers the Fourier transformation in the Hilbert space L^2_φ with the scalar product $(f, g) = \int_{-\infty}^{\infty} \frac{f(x)\overline{g(x)}}{\varphi(x)} dx$. The

problem has already been treated by N.I. Akhiyezer [Ref 17] under the assumption that $\varphi(x)$ is entire, of genus zero and that its zeros lie in $|Re z| < 1$. In the present paper the author obtains similar statements as in [Ref 17] under weaker suppositions on $\varphi(x)$. It is shown that a further weakening of the conditions is not possible.

There are 2 Soviet references.

PRESENTED: October 21, 1959, by S.N. Bernshteyn, Academician

SUBMITTED: October 20, 1959

Card 1/1

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GURARIY, V. P....

Cand Phys-Math Sci - (diss) "Several problems of harmonic analysis in spaces with a weight." Rostov-na-Don, 1961. 9 pp; (Rostov-na-Don State Univ); 225 copies; free; bibliography at end of text (16 entries); (KL, 5-61 sup, 172)

GURARIY, V. P. (Khar'kov)

Fourier transformation in $L^2(-\infty, \infty)$ with a weight. Mat.
sbor. 58 no.4:439-452 D '62. (MIRA 16:1)

(Fourier transformations)

Foreign military systems of the multi-national army of Central
Asia (Russia, Uzb., Kaz., Turkmen., Tajik., Kyrgyz., etc.).
(M12A 18:9)

1. Mislike-t-kond shakty Institute of High Temperature AN UkrSSR.

GURAS, Frantisek, inz.

Evaluation of the effect of steel structure of standardized
halls on the production technology and economy. Inz stavby
12 no. 5:185-189 My '64.

l. Vitkovicke zelezarny Klementa Gottwalda, Frydek-Mistek.

L 33155-65 EPE(c)/EPR/ENG(j)/EWA(h)/EWP(j)/ENT(m)ENA(c)/T/ENA(1) ... Pch-4/Pt-4/Ps-4/
ACCESSION NR: AP5004738 Feb RPL WR/JW/RM 8/0073/65/031/001/0089/0093

AUTHORS: Gurash, G. V.; Meleshevich, A. P.; Pochinok, V. Ya.; Syrbimyataikov, V. G.;
Fedorova, I. F.

TITLE: Synthesis by irradiation of allylamine methacrylic acid copolymers

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 51, no. 1, 1965, 89-95

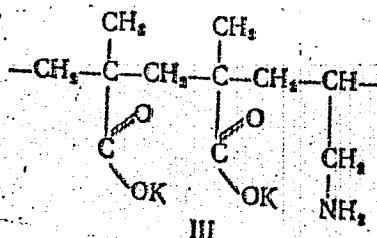
TOPIC TAGS: allylamine, methacrylic acid, copolymer, hydrogen peroxide, benzene
peroxide, methanol, sodium acetate, IR spectra

ABSTRACT: The synthesizing procedure was tested in producing polyampholites by
copolymerization of allylamine and methacrylic acid under irradiation by Co^{60} gamma
rays with different solvents, varying the pH of media, temperatures, and initiators.
The latter were: hydrogen peroxide, benzene, tertiary butyl persulfates, and
dinitrile of azo-isobutyric acid. Mixtures of aqueous allylamine and potassium
methacrylate yielded no copolymers on heating and on usual initiation. Copolymers
did appear after irradiation and could be precipitated with methanol or sodium
acetate. They were soluble in acids and alkali. The elementary link of these
copolymers corresponds to the formula

Card 1/2

L 33155-65

ACCESSION NR: AF5004738



More extensive irradiations resulted in grafting of additional allylamine on already formed copolymer chains. Orig. art. has: 5 formulas, 1 table, and 6 graphs.

ASSOCIATION: Kievskiy gosudarstvenny universitet im. T. G. Shevchenko. (Kiev State University); Institut fizicheskoy khimii im. L. V. Pisarshevskogo AN UkrSSR. (Institute of Physical Chemistry AN UkrSSR)

SUBMITTED: 03Jul63 ENGL: 00 SUB CODE: 00

NO REF Sov: 000 OTHER: 005

Card 2/2

GURAU, Andrei, geolog

Experimental applications to the iron deposit of Palazul Mare,
Dobruja. Rev min 13 no.7:287-299 Jl '62.

1. Comitetul Geologic.

BURAU, Andrei, geolog

Meopta, a new special geological compass. Rev min 14 no.3:134-
135 Mr '63.

IANOVICI, V., prof. dr.; GURAU, A., geol.; MURGU, M., ing.; HINCULOV, A., ing.;
SIELEKI, B., ing.

Principles and methods of estimation of the prognosis reserves.
Rev min 14 no.5:185-189 My '63.

SILAS, I., ing.; CURAU, A., geolog; MURGU, M., ing.; RADUTA, T., ing.; MERCEA, E., Ing.; BADULSCU, I., ing.; BRANISTE, P., geolog

Considerations on the choice of the most favorable distance between the exploration works of ore deposits. Rev min 14 no.7:269-282 J1 :63.

ZAMFIR,C.,dr.; GURARU,C.,dr.; PAUN,C.,dr.; TURCU,E.,dr.

Clinical contributions to the study of the middle lobe syndrome.
Med. int.,Bucur. 11 no.11:1643-1653 N '59.

1. Lucrare efectuata in Sectia I boli interne si Serviciul radiologic
din Spitalul militar central, Bucuresti.
(ATELECTASIS)

L 29254-66

ACC NR: AP6019359

SOURCE CODE: RU/0012/65/061/006/0909/0920

AUTHOR: Gurau, C. (Colonel; Doctor); Weissman, D. (Lieutenant colonel; Doctor); Teodosiu, Tr. (Major; Doctor) 27
B

ORG: none

TITLE: Functional radiography, a dynamic method of study in disk pathology 22

SOURCE: Revista sanitara militara, v. 61, no. 6, 1965, 909-920 22

TOPIC TAGS: pathology, bone, radiography, skeletal mechanics

ABSTRACT: The authors aim at an objective functional study of the cervical column, using radiography adapted to the specific anatomical and physiopathological conditions of this segment to check on the static and dynamic vertebral pressures on the intervertebral disks as an extremely important element in vertebral pathology. The technique, interpretation and value of the radiographic examination are discussed in some detail. Orig. art. has: 11 figures. [JPRS]

SUB CODE: 06, 14 / SUBM DATE: 27Aug65 / ORIG REF: 001 / OTH REF: 004
SOV REF: 002

Card 1/1 CC

GURASOV, N. D.

Role Played by Boron in the Fibrous Fracture of Heat-Treatable Steel.
S.I. Sakhin, N. N. Rodionov, N. G. Vergazov, and A. D. Gurasov. (Stal, 1946,
6, 11-12, 66-672). An investigation of the influence of boron on: (1)
The austenite transformation during quenching; (2) the susceptibility of
boron-treated steel to temper brittleness; and (3) the development of heat-
treatable constructional steels is reported.

Evaluation B-5qb60

GURAU, Andrei, geolog (Bucuresti)

Activity of Rumanian geologists abroad. Natura Geografie 13 no.4:9--
15 Jl-Ag '61.

GURAU, Andrei, geolog (Bucuresti); SIELECKI, B, inginer (Bucuresti)

Deposits and reserves of mineral resources. Natura Geografie 14 no.5:29-35 S-O '62.

ZAMFIR, C., Dr.; GURAU, C., dr.; TURCU, E., dr.; MARINESCU, B., dr.

Congenital ectasias of the aorta. Med. int., Bucur. 8 no.3:
427-431 July 56.

(AORTA, abnormalities
ectasia, case reports)

(CARDIOVASCULAR DEFECTS, CONGENITAL, case reports
ectasia of aorta)

ZAMFIR,C.; GURAU,C.; TURCU,B.; TEODORESCU,C.; PAUN,C.

Considerations on 2 cases of right-sided aortic arch. Probl.
card. 4:111-125 '59.
(AORTA, abnormalities)

RUMANIA

GURAU, C., Col, Dr, HERSCOVICI, H., Lt-Col, Dr, POPESCU, Al,
Lt-Col, Dr, SINGER, D., Lt-Col, Dr, ATANASOV, P., Capt, Veteri-
narian, and COTUNA, I., Lt-Maj, Dr [affiliation not given]

" Tests of the Potentiating of Chemical Protection by Proteic
Anabolizers."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63,
pp 537-542.

Abstract: A paper based on a study of the effects of methyl-androstanediol in radiation sickness, and the protective effect of this steroid combined with a chemical protective agent when administered before irradiation. The test was performed on 160 white rats divided into 4 lots and irradiated with a dose of 800 r. The potentiating effect of the steroid was confirmed by the test (for non-lethal doses of radiation).

Includes one table and 4 figures.

1/1

27

RUMANIA

GURAU, C., Colonel, Medical Corps.

"Principles and Methods of Protection from Radiation for Personnel of
Radiologic Laboratories and for Patients During Radiologic Procedures"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 393-398

Abstract: Discussion on radioprotection of radiologists and of technicians or assistants and patients: review of various types of apparatus; of the necessary skills which any person operating the devices must have; of the standard operating procedures and permissible deviations; and of protective devices such as shields.

1/1 .

GURAUSKAITE, E.V.

Spot tomography methods and their importance in the detection
of tuberculous cavitations. Vest.rent. i rad. no.5:56-61 S-0 '55.
(MLRA 9:1)

1. Iz rentgenologicheskogo otdeleniya (zav. A.I.Savitskiy)
Tuberkuleznogo instituta Litovskoy SSR (dir.--kandidat medi-
tsinskikh nauk Yu.L.Gamperis, nauchnyy rukovoditel'--kandidat
meditsinskikh nauk I.M.Runkevicius)
(TUBERCULOSIS, PULMONARY, radiography
tomography for determ. if cavitations)

KEMPINSKAS, V., asist.; GURAUSKAS, V.

Toxic effects of methylthiouracil. Sveik. apsaug. no. 5:32-33 '62.

1. Kauno Valstybinis medicinos institutas. 2. Vilkaviskio rajono ligonine.

(METHYLTHIOURACIL)

GURAY, S., Sr. Vet.

Molotov raion, Akmolin oblast

"Insecticide property of cherry branches (*Padus raseossa bilit*)"
S; Veterinarija 27 (?) 1950, p. 22

SOKOLOVSKAYA, F.M.; GURAYEVSKAYA, V.N.

Manufacture of flat-toothed belts. Kauch. i rez. 23 no.2:35-38
F '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.

Mr. A. A.

Series of temperature maps at Kaliningrad and Narva (1950-1954) (see also p. 127).
(BUREAU OF CYCLOPS. Vol. 1, no. 1, 1955, Moscow, U.S.S.R.)

Sgt. Lentz's Lighterage from naval accounts (see also p. 127), no. 70, page 107.
Incl.

Skier, etc.

Results of observations on air raiding in Warsaw, p. 17

ASORTYTA W LUBLINIE (Ministerstwo Obrony. Polski: Ministerstwo obrony) Marzec. 1959. Vol. 1, no. 2, ser./nr. 177.

Kontrolny List of Fact Survey on Accusations (vol. 1) i.e. vol. 1, no. 7, July 1959.

Uncl.

GUR'BA, Nikolay Yemel'yanovich; LIFOROZHSKIY, Grigoriy Pavlovich;
SHALIMOV, Aleksandr Petrovich; KOVALEV, Timofey Filippovich;
ZHURAVLEV, S.P., otv. red.; GOLUBYATNIKOVA, G.S., red. izd-va;
LOMILINA, L.N., tekhn. red.

[Progressive operating practice in mining enterprises] Pe-
redovoi opyt raboty na gornorudnykh predpriatiakh. Mo-
skva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu,
1961. 278 p. (MIRA 15:2)

(Krivoy Rog Basin—Iron mines and mining)
(Nikopol' region—Manganese mines and mining)

GUR'BA, P.K.

Fissures in the oil-containing menilite layer of the Dolina field.
Geol. nefti 1 no.3:57-60 Mr '57. (MLRA 10:8)
(Ukraine--Petroleum geology)

SOV/9-59-2-10/16

14(5)

AUTHOR: Gur'ba, P.K.

TITLE: A Method to Determine True Water Saturation of Oil Strata
(Metodika opredeleniya istinnoy vodonasyshchennosti nefty-anogo plasta)

PERIODICAL: Geologiya nefti i gazu, 1959, Nr 2, pp 49-52 (USSR)

ABSTRACT: Different results were obtained in determining water saturation of oil in the core and in the well. Water saturation of 50 to 70% was established in the core, whereas waterless oil was found in the well. Increased water saturation of rock samples can occur 1) if sub-capillary pores are prevalent and the water film surrounding the quartz grains is retained by molecular-surface forces and 2) if the size of pores is large enough to permit water infiltration from the drill solution. If the degree of mineralization of bound and core water is known, the true water saturation of the stratum can be determined by finding the ratio of bound water to free water. A method is described to calculate the mineralization of bound water. This method was used to compute the bound water content of productive horizons. The results of computations given in a table show that water

Car 1/2

SOV/9-59-2-10/16

A Method to Determine True Water Saturation of Oil Strata

saturation of some productive strata of the Carpathian area
is 10% and not 20 to 50% as determined by the core.
There are 1 table and 3 Soviet references.

ASSOCIATION: UkrNICRI

Card 2/2

GUR'BA, P.K.

Role of fractures in the Borislav oil field. Geol.nefti
i gaza 3 no.11:52-57 N '59. (MIRA 13:3)

1. Tsentral'naya nauchno-issledovatel'skaya laboratoriya
Ob'yedineniya Ukrainskoy neftyanoy promyshlennosti.
(Borislav region(Drogobych Province)--Faults(Geology))

GUR'BA, P.K.

Classifying the reservoir rocks of the Paleogene sediments of the
inner zone of the Carpathian piedmont fault. Neft. i gaz. prom.
no.1:13-15 Ja-Mr '64. (MIRA 18:2)

SANTA, N.; GURBAN, C.

Role of the aerobic metabolic processes in the physiology of smooth muscles. Studii cerc biol anim 12 no.3:371-380 '61.

1. Comunicare prezentata de Eug. A. Pora, membru corespondent al Academiei R.P.R.

GURBAN, C.; CRISTEA, Elena

Influence of uncoupling substances, inhibitors of electron transport,
and substratum concentration upon the quotient of phosphorylation in
succinate. Studii cerc biochimie 5 no.3:415-421 '62.

1. Laboratorul de biochimie, Facultatea de medicina, Bucuresti.

GURBAN, C.; CRISTEA, Elena

Duration of incubation and its influence on the value of the rate of phosphorylation in succinate. Studii cerc biochimie 5 no.3:423-433 '62.

1. Laboratorul de biochimie, Facultatea de medicina, Bucuresti.

GURBAN, C.; BATCU, A.; MOTET-GRIGORAS, D.; CRISTEA, E.; POPESCU, A.;
FILIPESCU, H.; SANDULESCU, C.

Animal biochemistry. Studii cerc biochimie 5 no.3:463-467 '62.

CRISTEA, Elena; GURBAH, C.; MITU, Ileana

Control elements of succinate oxidation speed in mitochondria
of rat liver. Studii cerc biochimie 6 no.4:511-522 '63.

1. Facultatea de medicina, Bucuresti, Laboratorul de
biochimie I.

GURBAN, C.; BATCU, A.; CRISTEA, E.; FURNICA, M.; POPESCU, A.

Reviews; general problems; research methods. Studii cerc
biochimie 6 no.4:585-588 '63.

GURBAN, C.; BATCU, A.; CRISTEA, I.; TAIASCU, D.; POROCU, A.;

Animal biochemistry. Studii cerc bicchimie 6 no.4:591-598 '63.

GURBAN, C.; BATCU, A.; CRISTEA, E.; POPESCU, A.

Medical biochemistry. Studii cerc biochimie 6 no.4:598-601 '63.

X

1965

GURBAN, G. [deceased]; CRISTEA, E.

New aspects of phosphorylating oxidation of the succinate in
the mitochondria of rat liver. Studia Univ B-B S Chem 8
no.1&421-428 '63

1. Institute of Medicine and Pharmacy, Bucharest.

MINKU, Yulian [Mincu, I.,], doktor; GURBAN, N. (Bukharest)

Determination of liver clearance with bromsulphalein. Klin.
med. no.7:52-53 '61. (MIRA 14:8)
(LIVER) (SULFONEPHTHALEIN)

5(3)

69346
R/003/60/011/04/013/041
D0015/D3001

5,3300

AUTHOR: Gurban, P.

TITLE: The Column of the Young Engineer. A New Source of Acenaphthene

PERIODICAL: Revista de Chimie, Vol 11, 1960, Nr 4, pp 229-230

ABSTRACT: This is an article dealing with acenaphthene and its production methods, i.e. 1) from tar obtained from coal distillation; 2) by distillation of pitch; 3) by pyrolysis of hydrocarbon and 4) by catalytic and thermal cracking of petroleum fractions. During the last few years acenaphthene was also separated from products resulting from acetylene condensation, under special conditions, at temperatures of over 600°C. By chemical treatment of methane, acenaphthene is obtained as a by-product. The author gives the results obtained by partial oxygenation of

X

Card 1/2

693L6

R/003/60/011/04/013/041
D0015/D3001

The Column of the Young Engineer. A New Source of Acenaphthene

methane, i.e. acetylene, 7-8%; carbon oxide, 26-28%; hydrogen, approximately 55%; carbon dioxide, approximately 4%; ethylene 1-2%; traces of high-grade acetylene and non-reacted methane, 4%. Though the temperature is below 500°, acenaphthene is obtained by purification and reaction with a catalyst from the gas mixture produced. The author refers to analyses of acenaphthene obtained from gases in the organic chemistry laboratory of the Facultatea de Chimie (Chemistry Department) at the "I.C. Parhon" Universitatea (University), and concludes that acenaphthene may be produced in an industrial installation where methane is chemically handled. There are 4 references, 3 of which are Rumanian and 1 English.

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Card 2/2

GURBAN, V.I.

TKACH, V.D., inzh.; GURBAN, V.I., inzh.

Improving the design of hydraulic distributors. Stroi. i dor.
mashinostro. no.4:8-9 Ap '58. (MIRA 11:4)
(Oil hydraulic machinery)
(Excavating machinery)

GURBAN, V.Yu., inzh.; TKACH, V.D., inzh.; URUSOV, K.V., inzh.

Hinged joints of metal piping for hydraulic drives of
excavators. Stroi.i dor.mashinostr. 4 no.8:21-23 Ag '59.
(MIRK 12:12)
(Excavating machinery--Hydraulic driving)

GURBAN, Vasiliy Yustinovich; TKACH, Vasiliy Denisovich; URUSOV, Konstantin Vasil'yevich; KHAYMOVICH, Ye.M., doktor tekhn.nauk, red.; FURER, P.Ya., red.; GORNOSTAYPOL'SKAYA, M.S., tekhn.red.

[Movable joints of pipes in hydraulic systems] Podvizhnye soedineniya truboprovodov gidravlicheskikh sistem. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 69 p. (MIRA 13:9)
(Pipe joints)

GURBAN, Vasiliy Yustinovich; POLTAVTSEV, I.S., kand. tekhn. nauk,
retsenzent; CHISTYAKOVA, L.G., inzh., red.; GORNOSTAYPOL'SKAYA,
M.S., tekhn. red.

[Distribution and safety devices in hydraulic systems of excavators]
Raspredelitel'nye i predlikhranitel'nye ustroistva gidrosistem ekska-
vatorov. Moskva, Mashgiz, 1962. 150 p. (MIRA 15:6)
(Excavating machinery--Hydraulic drive)

TKACH, Vasiliy Denisovich; ORENOYOM, Boris Danilovich; GURBAN,
Vasiliy Yustinovich; YEREMENKO, Konstantin Prokof'yevich;
POPOV, Ya.Ya., inzh., retsenzent; PELEVIN, N.N., inzh., red.;
GORNOSTAYPOL'SKAYA, M.S., tekhn.red.

[E-153, E-153A, and E-153ASh hydraulic excavators; a manual
on their maintenance and operation] Gidravlicheskie
ekskavatory E-153, E-153A, E-153ASh; rukovodstvo po ukhodu
i ekspluatatsii. Moskva, Mashgiz, 1963. 160 p.

(MIRA 16:6)

(Excavating machinery)

GURBANALIYEV, I.G., Cand Med Sci -- (diss) "Data from the
topographical anatomy of the shoulder joint." Mos, 19⁶⁸,
16 pp (First Mos Order of Lenin Med Inst im T.M. Sechenov)
200 copies (KL, 60-58, 128)

- 119 -

GURBANALIYEV, I.G. (Moskva, G-12, Zubovskiy bul'var, d.37, komm.52)

A new method for injecting substances into the cavity of large joints through the cavity of long bones. Arkh.anat.gist. i embr. 35 no. 3:85-86 My-Je '58 (MIRA 11:7)

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(JOINTS,

inject. of drugs into large joint cavities through
long bone cavities (Rus)
(BONE AND BONES,
same)

GURBANALIYEV, I.G., aspirant

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(zav. - prof. V.V. Kovalev) i Moskovskogo ordena Lenina meditsinskogo
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(SHOULDER; anat.; & histol.
topography of recesses (Rus))

GURBANALIYEV, I.G. (Moskva, G-21, Zubovskiy bul'var 37, kv.63)

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prof. V.V.Kovanov) i Moskovskogo ordena Lenina meditsinskogo instituta
imeni I.M.Schenova.
(BURSAE OF SHOULDER)